

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                                      | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|--|------------------|---------|------------------|
| S74   | 5338720 | S72 and etching first hardmask                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2007/01/25 16:11 |
| S73   | 1791    | 438/243   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2007/01/25 16:11 |
| S72   | 1791    | 438/243   | US-PGPUB;                                | OR               | OFF     | 2007/01/25 16:11 |
|       |         |   | USPAT;<br>USOCR;<br>IBM_TDB              |                  |         |                  |
| S71   | 1       | "10519741"  | US-PGPUB                                 | OR               | ON      | 2007/01/25 14:51 |
| S70   | 11      | 257/E21.438   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2007/01/25 14:16 |
| S69   | 1       | 257/E21.262   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2007/01/25 14:16 |
| S67   | 8       | 257/E21.507   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2007/01/25 14:16 |
| S68   | 3       | ("5254495"   "5776817"  <br>"6451693").PN. OR ("7148108").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR             | OR               | OFF     | 2007/01/25 14:15 |
| S66   | 19      | 257/E21.577   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | OFF     | 2007/01/09 12:19 |
| S1    | 1       | ("6008121").PN.   | US-PGPUB;<br>USPAT;<br>USOCR             | OR               | OFF     | 2007/01/09 10:50 |
| S65   | 7       | "5896503"   | USPAT                                    | OR               | ON      | 2007/01/09 10:18 |
| S64   | 1195    | S61 and 438/597   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2007/01/09 10:18 |
| S63   | 3977699 | S61 and ARC covering contact hole                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2007/01/09 08:35 |

## EAST Search History

|     |         |                             |  |    |     |                  |
|-----|---------|-----------------------------|--|----|-----|------------------|
| S62 | 25059   | S61 and ARC                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON  | 2007/01/09 08:35 |
| S61 | 364033  | re-patterning adj hard mask | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON  | 2007/01/09 08:34 |
| S60 | 1       | 257/E21.622                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2007/01/09 08:33 |
| S59 | 11      | 257/E21.438                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2007/01/09 08:32 |
| S58 | 8       | 257/E21.507                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2007/01/09 08:03 |
| S57 | 1       | "10519741"                  | US-PGPUB                                 | OR | ON  | 2007/01/05 16:31 |
| S54 | 142     | S53 and ARC                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON  | 2007/01/05 16:31 |
| S56 | 3743670 | S54 and filled contact hole | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON  | 2007/01/05 16:09 |
| S55 | 1605608 | S54 and contact hole        | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON  | 2007/01/05 16:09 |
| S53 | 1930    | 438/597                     | US-PGPUB;<br>USPAT;<br>USOCR             | OR | ON  | 2007/01/05 16:08 |
| S52 | 0       | S51 and ARC                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON  | 2007/01/05 16:08 |
| S51 | 1       | ("6429067").PN.             | USPAT                                    | OR | OFF | 2007/01/05 16:08 |
| S49 | 7       | 257/E21.252                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON  | 2007/01/05 16:08 |
| S50 | 96      | "5173442"                   | USPAT                                    | OR | OFF | 2007/01/05 16:06 |

## EAST Search History

|     |     |                 |  |    |     |                  |
|-----|-----|-----------------|--|----|-----|------------------|
| S46 | 156 | S44 and etching | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2006/12/04 10:55 |
|-----|-----|-----------------|--|----|-----|------------------|